UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/694,518	10/27/2003	Rikin S. Patel	014208.1636 (93-03-019)	1895

35005 7590 04/23/2007		EXAMINER
BAKER BOTTS L.L.P. 2001 ROSS AVENUE, 6TH FLOOR DALLAS, TX 75201-2980		CHOU, ANDREW Y

ART UNIT	PAPER NUMBER
2192	

SHORTENED STATUTORY PERIOD OF RESPONSE	NOTIFICATION DATE	DELIVERY MODE
3 MONTHS	04/23/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

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PTOmail2@bakerbotts.com
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	Application No.	Applicant(s)
Office Action Summary	10/694,518	PATEL, RIKIN S.
	Examiner	Art Unit	
	Andrew Y. Chou	2192	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>*02 February 2007*</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-30* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-30* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on _____ is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

       1.☐ Certified copies of the priority documents have been received.

       2.☐ Certified copies of the priority documents have been received in Application No. _____.

       3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application

6)☐ Other: _____.

DETAILED ACTION

1.   This action is responsive to the Remarks filed on 02/02/2007.

2.   Claims 1-3, 5, 7-10, 13-14, 19, 23-24, and 29 have been amended.

3.   Claims 1-30 are pending.

Response to Amendment

4.   Applicant's arguments, see Remarks pages 7-13, filed on 02/02/2007, with

respect to the rejection(s) of claim(s) 1-30 under 35 U.S.C 102 have been fully

considered and are persuasive. Therefore, the rejection has been withdrawn.

However, upon further consideration, a new ground(s) of rejection is made in view of

Alumbaugh et al. US 2003/0172368 A1 (hereinafter Alumbaugh).

Claim Rejections - 35 USC § 102

5.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed
publication in this or a foreign country, before the invention thereof by the applicant for a patent.

6.   Claims 1-30 are rejected under 35 U.S.C. 102(a) as being anticipated by

Alumbaugh et al. US 2003/0172368 A1 (hereinafter Alumbaugh).

Claim 1:

Alumbaugh discloses a schema generator, comprising:

a computer readable storage medium;

computer software stored on the computer readable storage medium and operable
to:

      parse a plurality of transaction definitions for a software system, wherein

each transaction definition comprises one or more parameters (see for example page

6, [0095]);

      generate a plurality of schema definitions in response to the plurality of

transaction definitions, wherein the schema definitions are written in a self-describing

language (see for example page 10, [0233], lines 4-8, page 11, [0237], FIG. 3, item

360, "schema", and related text);

      wherein a first schema definition is operable to map the one or more

parameters associated with a first transaction definition to a first document

written in the self-describing language (see for example page 10, [0229], "...similarity

maps..."); and

      wherein a second schema definition is operable to map a second document

written in the self-describing language to the one or more parameters associated with a

second transaction definition (see for example page 10, [00229], "...similarity

maps...").

Claim 2:

Alumbaugh further discloses the schema generator of claim 1, wherein the self-

describing language comprises XML or any version thereof (see for example page 11,

[0237]).

Claim 3:

Alumbaugh further discloses the schema generator of claim 1, wherein the self-

describing language comprises HTML or any version thereof (see for example page 11,

[0237]).

Claim 4:

Alumbaugh further discloses the schema generator of claim 1, wherein the self-

describing language comprises a language that employs hypertext (see for example

page 11, [0237], lines 11-13, "...HTML...").

Claim 5:

Alumbaugh further discloses the schema generator of claim 1, wherein the software

system comprises an IMS system (see for example page 15, [0292], "Content

Management Systems", and related text).

Claim 6:

Alumbaugh further discloses the schema generator of claim 1, wherein the transaction

definitions are associated with a message format service (see for page 15, [0279]).

Claim 7:

Alumbaugh further discloses the schema generator of claim 6, wherein the self-

describing language comprises XML or any version thereof (see for example page 11,

[0237]).

Claim 8:

Alumbaugh discloses a method for generating a plurality of schema definitions,

comprising:

parsing a plurality of transaction definitions for a software system, wherein each transaction definition comprises one or more parameters (see for example page 6, [0095]);

generating a plurality of schema definitions in response to the plurality of transaction definitions, wherein the schema definitions are written in a self-describing language (see for example page 10, [0233], lines 4-8, page 11, [0237], FIG. 3, item 360, "schema", and related text);

wherein a first schema definition is operable to map the one or more parameters associated with a first transaction definition to a first document written in the self-describing language (see for example page 10, [0229], "...similarity maps..."); and

wherein a second schema definition is operable to map a second document written in the self-describing language to the one or more parameters associated with a second transaction definition (see for example page 10, [0229], "...similarity maps...").

Claim 9:

Alumbaugh further discloses the method of claim 8, wherein the self-describing language comprises XML or any version thereof (see for example page 11, [0237]).

Claim 10:

Alumbaugh further discloses the method of claim 8, wherein the self-describing language comprises HTML or any version thereof (see for example page 11, [0237], lines 11-13, "...HTML...").

Claim 11:

Alumbaugh further discloses the method of claim 8, wherein the transaction definitions

are associated with a message format service (see for example page 15, [0279]).

Claim 12:

Alumbaugh discloses a transaction processing system (see for example FIG. 1, and

related text) comprising:

a software service operable to receive a transaction request and to generate a

first object associated with the transaction request (see for example FIG. 3, item 320,

"Assessment Micro Agent", and related text);

an object generator operable to convert the first object into a first document

written in a self-describing language (see for example FIG. 3, item 4, "Schema

Manager", and related text); and

a document generator operable to convert the first document into a first

transaction message according to a schema associated with a first transaction type

determinable from the first document (see for example FIG. 3, item 17, "Client

Presentation", and related text).

Claim 13:

Alumbaugh further discloses the transaction processing system of claim 12, wherein the

self-describing language comprises XML or any version thereof (see for example page

11, [0237]).

Claim 14:

Alumbaugh further discloses the transaction processing system of claim 12, wherein the self-describing language comprises HTML or any version thereof (see for example page 11, [0237]).

Claim 15:

Alumbaugh further discloses the transaction processing system of claim 12, wherein the transaction generator is further operable to send the first transaction message to a message format service (see for example page 15, [0279], "transaction file").

Claim 16:

Alumbaugh further discloses the transaction processing system of claim 12,

wherein the document generator is further operable to receive a second transaction message and convert the second transaction message into a second document according to a schema associated with a second transaction type determinable from the second transaction message (see for example FIG. 3, item 17, "Client Presentation", and related text); and

wherein the second document is written in the self-describing language (see for example page 11, [0237], "...XML...").

Claim 17:

Alumbaugh further discloses the transaction processing system of claim 16, wherein the object generator is further operable to convert the second document into a second object (see for example FIG. 3, item 4, "Schema Manager", and related text).

Claim 18:

Alumbaugh further discloses the transaction processing system of claim 17, wherein the

software service is further operable to receive the second object in response to the

transaction request (see for example FIG. 3, item 320, "Assessment Micro Agent", and

related text).

Claim 19:

Alumbaugh further discloses the transaction processing system of claim 18, wherein the

self-describing language comprises XML (see for example page 11, [0237], lines 11-13,

"XML").

Claim 20:

Alumbaugh further discloses the transaction processing system of claim 16, wherein the

software service is further operable to receive the second document in response to the

transaction request (see for example FIG. 3, item 320, "Assessment Micro Agent", and

related text).

Claim 21:

Alumbaugh further discloses the transaction processing system of claim 12, wherein the

software service comprises a web service, and wherein the definition of the first object

has been published in a registry (see for example page 10, [0233], lines 8-15).

Claim 22:

Alumbaugh discloses a method for processing a transaction, comprising:

receiving a transaction request (see for example FIG. 3, item 320, "Assessment

Micro Agent", and related text);

generating a first object associated with the transaction request (see for example

FIG. 3, item 4, "Schema Manager", and related text); and

converting the first object into a first document written in a self-describing

language language (see for example FIG. 3, item 17, "Client Presentation", and related

text); and

converting the first document into a first transaction message according to a

schema associated with a first transaction type determinable from the first document

((see for example FIG. 3, item 17, "Client Presentation", and related text).

Claim 23:

Alumbaugh further discloses the method of claim 22, wherein the self-describing

language comprises XML or any version thereof (see for example page 11, [0237],

"...XML...").

Claim 24:

Alumbaugh further discloses the method of claim 22, wherein the self-describing

language comprises HTML or any version thereof (see for example page 11, [0237],

lines 11-13, "...HTML...").

Claim 25:

Alumbaugh further discloses the method of claim 22, further comprising:

sending the first transaction message to a message format service (see for page 15,

[0279]).

Claim 26:

Alumbaugh further discloses the method of claim 22, further comprising:

receiving a second transaction message (see for example FIG. 1, 3, item 320,

"Assessment Micro Agent", and related text);

converting the second transaction message into a second document according to a

schema associated with a second transaction type determinable from the second

transaction message (see for example FIG. 3, item 4, "Schema Manager" and related

text); and

wherein the second document is written in the self-describing language (see for

example FIG. 3, item 17, "Client Presentation, and related text).

Claim 27:

Alumbaugh further discloses the method of claim 26, further comprising: converting the

second document into a second object (see for example, FIG. 3, "Visual

Transformation", and related text).

Claim 28:

Alumbaugh further discloses the method of claim 27, further comprising: receiving the

second object in response to the transaction request (see for example FIG. 3, item 360,

"Data Source Schema", and related text).

Claim 29:

Alumbaugh further discloses the method of claim 28, further comprising: wherein the

self-describing language comprises XML (see for example page 11, [0237], "...XML...").

Claim 30:

Alumbaugh further discloses the method of claim 22, wherein the first object is generated by a web service and wherein the definition of the first object has been published in a registry (see for example page 10, [0233], lines 8-15).

Conclusion

7.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Y. Chou whose telephone number is (571) 272-6829. The examiner can normally be reached on Monday-Friday, 8:00 am – 4:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam, can be reached on (571) 272-3695.

The fax phone number for the organization where this application or proceeding is assigned is (571) 273 8300.

Any inquiry of a general nature of relating to the status of this application or proceeding should be directed tot eh TC 2100 Group receptionist whose telephone number is (571) 272 2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll free).

AYC

TUAN DAM
SUPERVISORY PATENT EXAMINER